

**IN THE SPECIFICATION:**

Page 1, before line 1, insert

--Cross Reference to Related Application

This application is a continuation of U.S. Serial Number 09/956,342, filed September 20, 2001, which is a continuation of U.S. Serial Number 09/311,723, filed May 14, 1999, which is a continuation of U.S. Serial Number 08/991,347, filed December 16, 1997, now U.S. Patent No. 6,107,032, issued August 22, 2000. The disclosures of the prior applications are hereby incorporated by reference herein in their entirety.--

Please delete the paragraph starting from the 11th line from the bottom of page 11 and replace it with the following paragraph:

Fig. 3. DEXAS reaction carried out on single-copy genes. Figure 3A shows a sequence of the human p53 gene (SEQ ID NO: 7) whereas Figure 3B shows a sequence of the human CCR-5 gene (SEQ ID NO: 8) (see text for details). The sequence was processed with the A.L.F. software and was not edited manually. A total of 305 bases was determined in the case of the p53 gene whereas 343 bases were determined for the CCR-5 gene.

Please delete the paragraph starting from line 9 of page 12 and replace it with the following paragraph:

Fig. 6. The insert of a plasmid was sequenced from both sides in a reaction using a FITC-labelled (SEQ ID NO: 10) 'T3' primer and an opposite Cy5-labelled (SEQ ID NO: 9) 'universal' primer. The simultaneous use of two differently labelled oligonucleotides in a DEXAS reaction allowed the 548 base insert to be sequenced without leaving ambiguous positions. The primers were positioned at a distance of 670 bp to one another.

Please delete pages 18-21 containing the Sequence Listing.

Please renumber the pages containing the claims and abstract accordingly; and insert new pages 1-3 containing the revised Sequence Listing at the end of the application.